

1 *Sub c1* 1. (Twice Amended) A method for determining a composite  
2 measure indicative of the presence of a wide variety of dietary antioxidants in a liquid  
3 sample comprising the steps of:  
4 providing a liquid sample containing dietary material or a biological fluid  
5 to be tested;  
6 contacting the liquid sample with an aqueous solution of elemental iodine  
7 and an iodophor to form a mixture; and  
8 measuring a change in a concentration of iodide ions in the mixture  
9 wherein the change represents the composite measure of the  
10 presence of a wide variety of dietary antioxidants in the dietary  
11 material or the biological fluid.

1      *Sub c2*      4. (Twice Amended) A method for determining a composite  
2      measure indicative of the presence of a wide variety of dietary antioxidant in an aqueous  
3      liquid sample comprising the steps of:  
4              providing an aqueous liquid sample containing dietary material or a  
5              biological fluid to be tested;  
6              contacting the sample with an aqueous solution of elemental iodine and  
7              polyvinylpyrrolidone to form a mixture; and  
8              measuring an increase in a concentration of iodide ions in the mixture by  
9              means of an iodide selective electrode wherein the increase  
10             represents the composite measure of the presence of a wide variety  
11             of dietary antioxidants in the dietary material or the biological  
12             fluid.